

# Bradford Mechanics' Institute.

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## PROGRAMME OF LECTURES, CLASSES, &c.,

SESSION 1860-61.

FRIDAY, SEPT. 28TH,

### ANNUAL SOIREE.

J. V. GODWIN, ESQ., PRESIDENT, will preside, and distribute the Prizes and Certificates awarded by the Institute and the Society of Arts.

*Tea at 6-30, Meeting at 7-30.*

TUESDAY, OCT. 16TH,

REV. J. BURNET, LL.D.

### THE IMPORTANCE OF CHARACTER.

TUESDAY, OCT. 23RD,

REV. S. G. GREEN, B.A.

### THE ALMANAC; OR DAYS, WEEKS, MONTHS & YEARS.

THURSDAY, NOV. 1ST,

MONS. LOUIS BLANC,

*(Late Member of the Provisional Government of France, author of the "Histoire de Dix Ans," "History of the French Revolution," "Historical Revelations," &c., &c.)*

### "The Mysterious Personages and Agencies in France, towards the end of the 18th Century."

PART 1.—Love of the marvellous in a period of Scepticism—The spread of unbelief—The chief of the unbelievers as credulous as a child—The "Convulsionnaires"—Revival of the Rosicrucians—The Gold Makers of the Faubourg St. Marceau—The Count St. Germain—His marvellous casket—His tête-à-tête with Louis XV—A magic mirror—An immortal man—Swedenborg's supernatural travels—Gassner's conversations with the evil spirit—The "Moon Doctor"—The Ghost of Schœpfer—A Thaumaturge in Venice—The pursuit of the Wonderful in Paris—The "Hell in convulsions"—Philosophical and political import of Mesmer's doctrine—The "Unknown Philosopher"—St. Martin and Mesmer—Invisible agitation—Stirring spectacles—The Worshippers of the Unknown—Anecdote of Mme. Campan—Father Harvier—The chess automaton and Diderot's hypothesis—A new field for feminine curiosity—Anecdote of Mc. du Deffand—Queen Marie Antoinette and Blanchard—Self-deceit becomes a luxury indulged in by everyone—The elm tree of Buzancy—How "Faith moves Mountains"—Crowds of sorcerers and necromancers—A curious historical phenomenon.

AN INTERVAL OF TEN MINUTES.

PART 2.—Arrival of a mysterious traveller in Strasbourg—His marvellous cures and boundless munificence—Public enthusiasm akin to worship—Cagliostro in Paris—Strange dramas enacted in the "Rue St. Claude"—The future seen through a water-decanter—A magic crucible—A meeting of phantoms—wonderful popularity of Cagliostro—Cagliostro and

the Countess de la Motte—Magic conjuring—The mystery of "The Diamond Necklace"—How Cagliostro got involved in the trial—Extraordinary declarations, never contradicted—Inexhaustible bankers—A Cardinal becomes the guest of a magician—Cagliostro carried in triumph through the streets of Paris—Noblemen keep sentry at his door—Sombre aspect of Rome in the Easter of 1790; Reason why the guard of the Pope is doubled—Cagliostro tried and sentenced by the holy office—Was he a mere enthusiast?—How it happened that he had been lodged in the King's Bench Prison in London—A scene of initiation near Frankfort—The "Illuminati"—Their object; awful nature of the means resorted to—Cagliostro's powers turned to deep purposes—The strange importance of his career explained—Subterranean war carried on in all countries of Europe—Occult Masonic lodges in France—Charles Edward Stuart, the Pretender, and the father of Robespierre—Mysterious agencies—Effect produced—Sinister predictions—How the love of the marvellous and Rationalism concurred in working out a mighty result.

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TUESDAY, NOV. 13TH,

GEORGE GROSSMITE, Esq., OF LONDON.

**SKETCHES BY BOZ.**

*(Selected from a Course of Lectures on the Writings of Charles Dickens.)*

First attempts at Authorship—Early prejudices, peculiarities, and sympathies of the author—Origin of the "Sketches"—Reminiscences of "Our Parish," with a few provincial Portraits—The Oratory of the Vestry—Great contest for the Beadleship—Reflections, miscellaneous and metropolitan, on the rise and decay of shops, the philosophy of street-door knockers—Characteristics of a Country Fair (selected and adapted from the Sketches and other works of Charles Dickens—The author in his graver mood—Reflections on the Pawnbroker's Shop, the Hospital, &c.—Life and death of the Drunkard—The Illustrations will conclude with the laughable sketch of "The Tugs at Ramsgate," abridged and adapted for the occasion.

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TUESDAY, NOV. 20TH,

GEORGE DAWSON, Esq., M.A., OF BIRMINGHAM.

**JOHN CALVIN.**

TUESDAY, DEC. 4TH,

DR. LANKESTER, M.D., F.R.S., OF LONDON,

*Superintendent of the Animal Product and Food Collections at the South Kensington Museum.*

**ANIMALS USED BY MAN AS FOOD.**

The Ox, Sheep, Pig, Deer. Birds,—Fowls, Pheasants, Partridges, Ducks; Bird's Eggs.  
Fish,—Cod, Herrings, Sprats; Crabs, Lobsters, Prawns, Oysters.

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TUESDAY, DEC. 18TH,

MR. S. H. KERR, PH.D.

**THE EARTH'S TENANTS AND THEIR TRACES.**

The Earth prepared for Inhabitants—Its first Inhabitants—The Reign of the Radiata—the Crustacea—the Fish—the Reptile—the Bird—the Quadruped—last and lord of all, MAN.

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TUESDAY, JAN. 8TH,

REV. JAMES R. CAMPBELL, M.A.

**ELIOT'S PRISON: ONE OF THE SPRING-HEADS OF  
ENGLISH LIBERTY.**



TUESDAY, JAN. 15TH,  
REV. CANON FAWCETT, M.A., OF Low-Moor.  
**GEOLOGY;—THE COAL FORMATION.**

COAL,—its origin, extent, uses, fossils, varieties, modes of working, &c., &c.

TUESDAY, JAN. 29TH,  
GEORGE DAWSON, Esq., M.A.  
**WILLIAM COBBETT.**

TUESDAY, FEB 12TH,  
GEORGE GROSSMITH. Esq.  
**THE LUDICROUS IN LIFE.**

Introductory remarks upon "the Genius of the Epoch"—the popular tendencies of the Age, the practical character of the People, and the prevailing love of Amusement—Examples of the ludicrous in real life, as pourtrayed in the writings of the modern Satirists—On the ludicrous in Imagination, with illustrations from Hood. *Punch*, and Dickens, including "a Scene in the Commons," "Our New Cook," "All the World not a Stage," and incidents in the celebrated trial of "Bardell v. Pickwick," for Breach of Promise of Marriage.

TUESDAY, FEB. 26TH,  
LEO H. GRINDON, Esq.,  
*Lecturer on Botany at the Royal School of Medicine, Manchester.*  
**THE ANALOGIES OF PLANTS AND ANIMALS.**

TUESDAY, MARCH 12TH,  
REV. J. P. CHOWN.  
**SIX DAYS IN ROME.**

Monday, Churches—Tuesday, Palaces—Wednesday, Ancient Rome—Thursday, the Paintings—Friday, the Sculpture—Saturday, Obelisks and Fountains.

THE LECTURES COMMENCE EACH EVENING AT EIGHT O'CLOCK.

Members and Subscribers are required on all occasions to show their Tickets before admission to the Lectures.

**CLASSES.—SESSION 1860–61.**

CLASSES.	TEACHERS.	Mon.	Tues.	Wed.	Thur.	Fri.	TERMS.
Writing and Arithmetic..... {	Messrs. Robertshaw, Laycock & Assistants	7½	..	..	..	7½	Free
Reading—First Class.....	Mr. Potter .....	..	..	7	..	..	Free
Do. Second Class.....	Do. ....	..	..	8	..	..	Free
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Do. do. Section 2	.....	..	..	..	..	..	Free
Advanced Grammar .....	.....	..	..	..	..	..	Free
English Language and Literature	„ Scales .....	..	..	..	7½	2/6 per ½-yr.	
Geography.....	„ Robertshaw .....	..	..	8	..	..	Free
Physical Geography .....	„ Scales .....	..	..	..	..	2/6 per ½-yr.	
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Mathematics.....	.....	..	..	..	..	..	Free
Book-keeping .....	„ Heselton .....	..	..	..	8	2/6 per ½-yr.	
Elementary Chemistry .....	R. Parkinson, Ph.D.	..	..	..	..	10/ per ½-yr.	
Animal Physiology.....	Mr. Williams .....	..	..	..	..	..	Free
Latin .....	„ Wyatt .....	..	..	..	..	..	Free
French .....	Mons. Landolphe ..	..	..	8	..	..	5/ per quar.
German .....	Herr Beer .....	8	..	..	..	..	5/ per quar.
Drawing, Freehand & Mechanical	Mr. W. Smith and Assistant .....	7½	..	..	7½	..	2/ per quar.

Members and Subscribers desirous of joining any of the Classes are requested to give in their names to the Secretary.

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Dublin University  
Engineer and Architects'  
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M. H. WALLS, *Secretary and Librarian.*